



Martek Biosciences Corporation

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Biotechnology

Member since August 2010

MANAGEMENT AND LEADERSHIP



Environmental Policy Statement

<http://www.martek.com/LinkClick.aspx?fileticket=%2fqjVqP16TYs%3d&tabid=264>



Environmental Team

Our corporate headquarters "green team" has 15 members that meet once a month. Our mission is to facilitate the process of going green - at work, at home and in the community. We educate our employees through monthly and intermittent emails, distribution of fliers, and special events. We provide our employees with the tools they need to become more environmentally friendly (such as reusable mugs, personal recycle bins, reusable shopping bags, etc.).



Annual Environmental Goals

Our Safety Committees, Green Teams and the company as a whole have many environmental goals. Some that we have achieved are:

- 1. No material environmental violation resulting in fines greater than \$50,000*
- 2. Achieved a 3% reduction in the corporation's carbon footprint from 2008 base year levels, indexed to production*
- 3. Performed ISO 14000 Surveillance audit for the Columbia site*
- 4. Increased Martek's environmental participation in the Columbia community*
- 5. Conducted third-party environmental audit of the Columbia facility in 2010*



Environmentally Preferable Purchasing

Martek Biosciences Corporation makes every attempt to practice environmentally-preferable purchasing. Our vendor list contains links to each vendor's environmental policies for quick buyer reference. Additionally, every purchase order contains a link to our Terms and Conditions (rather than a hard

copy), a notification of our ISO 14001 certification and a link to our environmental policy.

Internally, Purchasing works with Facilities to incorporate environmentally-friendly items into our daily use such as “green” cleaning supplies and pre-measured hand wiping towel dispensers. All requests for office consumables are reviewed for their “green fit.” We are working to retrofit our buildings and incorporate into our new construction, motion sensors on light switches, low flush water saving toilets, energy efficient lighting fixtures and bulbs and much more.

Purchasing has all but eliminated the use of Styrofoam cups within Martek and has given all employees personalized reusable mugs for their hot beverages. We purchase recycled paper for our printers/copies and in the past year this alone has resulted in saving 26 trees, 143 gallons of oil and 9726 gallons of water. Martek Biosciences Corporation makes every attempt to purchase and use environmentally friendly items.



Independently-Audited Environmental Management System

ISO 14001 certified by SRI System Registrar in January 2010. Lead contact is Joe Weis.

WASTE



Solid Waste Reduction

We have provided employees reusable mugs to be used in place of Styrofoam cups.



Recycling

We have increased our recycling pickups from once a week to twice a week. Facility-wide we recycle:

*Plastics
Cardboard
Aluminum Cans
Aluminum Foil
Pie Tins
Paper
Phone Books
Mail/Junk Mail
Steel Cans/Aerosol Cans*

*Glass Bottles
Glass Jars
Copper Wiring of all styles/types
Old File Cabinets, etc.*

☒ **Hazardous Waste/Toxic Use Reduction**

Martek began reducing hexane use and overall waste in the Physiology lab in November 2009. Our environmental objective and target for 2010 is to reduce hexane usage by 25%. Once this goal is completed, we will communicate the revision to all Martek labs running this particular test to encourage their adoption of the reduced hexane volume protocol.

ENERGY

☒ **Energy Efficiency**

Martek has a number of energy efficiency measures in place:

- *Went to mechanical cooling for fermentation equipment instead of using once-through cooling water for cooling process*
- *Motion sensors for lights used in all new build outs (offices, hallways, restrooms etc.)*
- *Increased usage of energy efficient replacement light tubes for ceiling fixtures*
- *All new build outs now specify T5 lighting fixtures*
- *All HVAC units utilize programmable thermostats with night and weekend settings.*
- *All restroom fans are now on motion sensors with operation run limit of up to 15 minutes.*
- *All replacement and new HVAC units (heat pump style) installed are rated at the highest efficiency and utilize economizer cooling at all times.*
- *All exit signs are LED's or will be replaced with LED style.*
- *Use of insta-hots for all new restrooms and sinks in future renovations will be specified.*
- *All ductwork is insulated, all hot and cold water piping is insulated.*
- *Highest energy efficient rated replacement light bulbs are utilized as needed.*

TRANSPORTATION



Efficient Business Travel

A major portion of Martek Biosciences business travel is for company meetings. Thanks to major upgrades in the past couple years, we currently have several technologies in place in order to reduce the amount of employee travel.

- *Teleconferencing – Martek utilizes a teleconference bridge for meetings that can be held via telephone for both internal and external meetings.*
- *WebEx – This online meeting collaboration tool allows for desktop sharing along with teleconferencing so everyone can follow along in a meeting.*
- *Video Conferencing – For face to face meetings that require someone's presence in a room. This high definition telepresence, audio, and video, allows you to feel as if the person is in the same room as you.*

Utilizing any or all of these technologies allow our employees access to host or join meetings from wherever they are thus eliminated the need for travel and reducing our carbon footprint.

WATER



Water Conservation

- *Went to mechanical cooling for Fermentation equipment instead of using once-through cooling water for cooling process.*
- *Currently in the process of installing sensor operated restroom sink faucets as replacements for existing restrooms.*
- *Future renovations will include sensor operated restroom sink faucets.*